

Resource Summary Report

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Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility

RRID:SCR_023243

Type: Tool

Proper Citation

Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility (RRID:SCR_023243)

Resource Information

URL: <http://GeneEditing.wustl.edu/>

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Description: Provides support with technologies for cell and animal model needs. Services are ranging from CRISPR reagents with or without validation, to cancer/iPS cell line modification or animal model creation. Works closely with mouse cores from design, reagent validation to genotyping, process improvement and troubleshooting, when necessary. Provides next-generation sequencing (NGS) based human cell authentication and NGS-based genotyping services and general molecular biology assistance. Offers to culture, bank and store primary fibroblasts and renal epithelial cells from patient samples for investigators, and iPSC reprogramming service is provided from fibroblasts, RECs as well as peripheral blood mononuclear cells. Provides differentiation services on growing list of cell types.

Synonyms: Washington University School of Medicine Genome Engineering & Stem Cell Center (GESC@MGI), Genome Engineering & Stem Cell Center (GESC@MGI)

Resource Type: access service resource, core facility, service resource

Keywords: USEDit, ABRF, cell and animal model technologies, CRISPR reagents, cancer/iPS cell line modification, animal model creation, next-generation sequencing, genotyping, culture, bank primary fibroblasts, store primary fibroblasts, renal epithelial cells, patient samples

Availability: Open

Resource Name: Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility

Resource ID: SCR_023243

Alternate IDs: ABRF_808

Alternate URLs: <https://coremarketplace.org/?FacilityID=808&citation=1>

Record Creation Time: 20230207T050158+0000

Record Last Update: 20260821T194237+0000

Ratings and Alerts

No rating or validation information has been found for Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility.

No alerts have been found for Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Munanairi A, et al. (2026) The polymerized protein response (PPR) is activated by genetic variants that polymerize in the ER and is mediated by NF- κ Bp50. Nature communications, 17(1).

Moses R, et al. (2026) Variation at the R181 residue of p53 confers loss of p53 DNA binding cooperativity with the retention of mitochondrial-associated apoptosis. Molecular cancer research : MCR.

Perng YC, et al. (2026) ISG15 negatively regulates RIPK3-mediated cell death and viral pathogenesis. Cell reports, 45(5), 117360.

Moses R, et al. (2025) Variation at the R181 residue of p53 confers loss of p53 DNA binding cooperativity with the retention of mitochondrial-associated apoptosis. bioRxiv : the preprint server for biology.

Moffa JC, et al. (2025) An Alternative Gene Editing Strategy Using a Single AAV Vector. Bio-protocol, 15(13), e5362.

DeGeorgia SN, et al. (2024) Specific SOX10 enhancer elements modulate phenotype plasticity and drug resistance in melanoma. bioRxiv : the preprint server for biology.